

DERWENT-ACC-NO: 1983-791719

DERWENT-WEEK: 198342

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TITLE: Fireproof backing compsn. for
carpeting - is made from
fire-retarding plasticiser and
synthetic rubber latex and
vinyl chloride-ethylene copolymer
emulsion

PATENT-ASSIGNEE: SUMITOMO CHEM CO LTD [SUMO]

PRIORITY-DATA: 1982JP-0035307 (March 5, 1982)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
JP 58152037 A		September 9, 1983	N/A
004	N/A		

INT-CL (IPC): A47G027/02, C08K005/52, C08L021/02,
C08L023/08,
C08L027/06, C08L031/04

ABSTRACTED-PUB-NO: JP 58152037A

BASIC-ABSTRACT:

The fireproof packing compsn. (I) for carpeting is made by adding 2-35 pts. wt. fire-retarding plasticiser (II) to 100 pts. wt. of a compsn. consisting of 95-40 pts. wt. of an emulsion of vinyl chloride-ethylene (III) or vinyl chloride-vinyl acetate-ethylene copolymer (IV) or their modified material (V) and 5-60 pts. wt. synthetic rubber latex (VI). In (III) and (IV), the wt. ratio of vinyl chloride to ethylene to vinyl acetate is 30-95:5-70:55-0. (I) is elastic and has excellent flame-retarding and reinforcing effects. It can

be used for carpets e.g. for houses, vehicles and airplanes.

Fibrous materials in the carpeting include wool, rayon, polyacrylonitrile, polyamide, polyester, polypropylene and nylon. (V) is (III) or (IV) modified e.g. by acrylamide, methacrylamide, N-methylolacrylamide or acrylic acid. (VI) may use a butadiene copolymer such as styrene-butadiene, acrylonitrile-butadiene or methyl methacrylate-butadiene. (II) is e.g. tricresyl phosphate, triallyl phosphate, cresylphenyl phosphate, xylenyldiphenyl phosphate or trixylenyl phosphate.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: FIRE BACKING COMPOSITION CARPET MADE FIRE
RETARD PLASTICISED
SYNTHETIC RUBBER LATEX POLYVINYL CHLORIDE
POLYETHYLENE COPOLYMER
EMULSION

ADDL-INDEXING-TERMS:
ACETATE

DERWENT-CLASS: A18 A23 A60 A84 F07 P27

CPI-CODES: A04-E03; A04-G08; A09-A01; A12-B02; A12-D02;
F03-C03; F03-E01;
F04-D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0209 0218 0220 0228 0231 0248 0374 1095
1283 1291 1982 1986
2222 2233 2234 2504 2528 2628 2679 2723 2822 2823 3298 3300
2829 0241 0306 3159
0761 0242 0622 0762 0629 0643 0412 0790 0376 3170 0377 0502
3013 0537
Multipunch Codes: 013 03& 032 034 04- 040 041 046 047 050
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072 074 076 117 122 141 143 144 228 239 252 253 256 26- 27&
312 315 397 42& 436
440 477 481 483 539 55& 551 560 566 57& 614 664 672 688 013
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SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1983-100772

Non-CPI Secondary Accession Numbers: N1983-184935